

Author index of volume 13 (1991)

Abnous, R. , <i>see</i> Khoshafian, S.	213-220
Alashqur, A.M. , <i>see</i> Blakeley, J.A.	185-199
Andrews, T. , Plan and organization for Object-Oriented Database Task Group (OODBTG)	17- 18
Ashby, V. and L. Schlipper , Security standards for Object Data Management Systems	297-302
Atwood, T. and J. Orenstein , Notes toward a standard Object-Oriented DDL and DML	117-121
Barghouti, N.S. and M.H. Sokolsky , Object-oriented data modeling in rule-based software development environments	287-292
Beech, D. and Ç. Özbütün , Object databases as generalizations of relational databases	221-230
Berg, J.L. , The Object-Oriented Database Systems Task Group	1
Berg, J.L. , <i>see</i> Stull, E.L.	9- 16
Blakeley, J.A. , C.W. Thompson and A.M. Alashqur , Strawman reference model for Object Query Languages	185-199
Blumer, R. , <i>see</i> Khoshafian, S.	213-220
Bonte, E. , <i>see</i> Orenstein, J.	145-150
Chang, T.-H. , An entity-oriented data model - MIX	89- 97
Chen, J. , <i>see</i> Joseph, J.	249-269
Davis, K.C. and L.M.L. Delcambre , Foundations for object-oriented query processing	207-212
Delcambre, L.M.L. , <i>see</i> Davis, K.C.	207-212
Gilbert, J.P. , Supporting user views	293-296
Guzenda, L. and A.E. Wade , A taxonomy of standards	65- 70
Heiler, S. , <i>see</i> Pathak, G.	315-319
Joseph, J. , M. Shadowens , J. Chen and C. Thompson , Strawman reference model for change management of objects	249-269
Kent, W. , Important features of Iris OSQL	201-206
Kent, W. , The object standardization challenge	73- 77
Khoshafian, S. , R. Blumer and R. Abnous , Inheritance and generalization in Intelligent SQL	213-220
Khoshafian, S. , Intelligent SQL	169-184
Krueger, J.W. , Application object model for engineering information systems	79- 87
Layton, D. , <i>see</i> Osborn, R.	55- 58
Li, Q. , Object data model = object-oriented + semantic models	99-103
Loney, F. , Principles for persistent object access	113-115
Lowry, E. , Towards an optimum language data model	105-108
Maddison, M. , <i>see</i> Osborn, R.	55- 58
Marcus, R. , An enhanced neutral object-oriented data model	109-110
Marrs, K.A. and L.G. Robinson , Object-Oriented DBMS requirements	35- 39
Moore, P. and A.E. Wade , An approach to standard DDL for OODBMSs	139-143
Orenstein, J. and E. Bonte , The need for a DML: Why a library interface isn't enough	145-150
Orenstein, J. , <i>see</i> Atwood, T.	117-121
Osborn, R. , M. Maddison and D. Layton , Aspects of object system standardization	55- 58
Osborn, R. , OODB standardization	59- 63
Otis, A. , A reference model for object data management	19- 32
Özbütün, Ç. , <i>see</i> Beech, D.	221-230
Özsu, M.T. and D.D. Straube , Issues in query model design in object-oriented database systems	157-167

- Pathak, G., B. Stackhouse and S. Heiler**, EIS/XAIT project: An object-based interoperability framework for heterogeneous systems 315-319
- Perez, E.**, A strawman reference model for an application program interface to an Object-Oriented Database 123-138
- Richardson, J.D. and T.J. Wheeler**, A two-layered interface architecture 151-154
- Robinson, L.G.**, *see* Marrs, K.A. 35- 39
- Rotzell, K.**, Transactions and versioning in an ODBMS 243-248
- Sanderson, D.B.**, Position paper: Data exchange issues for standardization 305-309
- Sanderson, D.O.**, Requirements for a new object-oriented methodology 311-313
- Schlipper, L.**, *see* Ashby, V. 297-302
- Shadowens, M.**, *see* Joseph, J. 249-269
- Sokolsky, M.H.**, *see* Barghouti, N.S. 287-292
- Stackhouse, B.**, *see* Pathak, G. 315-319
- Straube, D.D.**, *see* Özsu, M.T. 157-167
- Stull, E.L. and J.L. Berg**, The role of standards 9- 16
- The Committee for Advanced DBMS Function**, Third-generation database system manifesto 41- 54
- Thompson, C.**, Object-Oriented Database Management System standards 3- 5
- Thompson, C.**, *see* Joseph, J. 249-269
- Thompson, C.W.**, *see* Blakeley, J.A. 185-199
- Wade, A.E.**, *see* Guzenda, L. 65- 70
- Wade, A.E.**, *see* Moore, P. 139-143
- Wade, D.**, Goals and Requirements Storage Manager (SM) Working Group Design Data Management TSC, CFI 321-327
- Wang, C.C.**, A strawman reference model in transaction processing for an Object-Oriented Database 233-242
- Wheeler, T.J.**, *see* Richardson, J.D. 151-154
- Zicari, R.**, Primitives for schema updates in an Object-Oriented Database System: A proposal 271-284

Subject index of volume 13 (1991)

Abstraction	35				89
Aggregation hierarchies	89			Expert systems	169
Algebraic query language	207			EXPRESS	35
ANSI	9, 17			Extended relational DBMS	221
ANSI standards	19				
Application data views	109			Frameworks	65, 321
Application program interface	123			Full-text retrieval	169
Application programming	79			Function	201
				Functional model	201
CAD Framework Initiative (CFI)	65, 321				
CCITT	9			Generalization	213
Change management	243, 249				
Characteristic property hierarchies	89			Heterogeneity	139
Classifier	207			Heterogeneous databases	35
Client/server architecture	35				
Comparisons	249			IDEF	35
Complexity	105			IDEF1x	35
Composite objects	287			IEC	9
Conceptual model	207			Industrial software systems	109
Concurrency	169			Information retrieval	169
Concurrency control	287			Information security	297
Consistency management	287			Information system	79
C++	139			Inheritance	35, 213
				Intelligent databases	169, 213
Database	9, 19, 35, 151, 169, 233			Interfaces	151
Database, DBMS	17			Interoperability	41, 65, 139, 315, 321
Database engines	169			IRDS, data modeling	35
Database language	113			ISA hierarchies	89
Database management	55, 59, 145			ISO	9
Database management system	35, 151				
Database security	297			JTC1	9
Database systems	117, 271				
Data Definition Language (DDL)	139, 201			Language data model	105
Data dictionary	9			Language primitives	271
Data directory	35			Languages	151
Data exchange formats	305			Life cycle support	311
Data integration	79			Logical query optimization	207
Data management	65			Long transactions	287
Data management standards	297				
Data manipulation language	145, 201			Methodology	311
Data migration	305			Modules	89
Data model	79, 151			Multi-media	169
Data structures	105				
Data translation	305			Next-generation database systems	41
Design data management	321			NIAM	35
Distributed database	35, 213, 243				
				Object algebra	157
Encapsulation	35			Object boundaries	297
Engineering information systems	315			Object calculus	157
Engineering support	79			Object data management	297
Entities				Object data model	99
				Object identity	293
				Object management	41, 79

- | | | | |
|---|---|-----------------------------------|------------------------------|
| Object management systems | 287 | Schemes | 271 |
| Object model | 73, 79, 139 | Secrecy constraints | 297 |
| Object-orientation | 169 | Semantic data model | 89 |
| Object-oriented | 9, 17, 19, 35, 117, 145, 151, 213, 233, 249, 271, 315 | Semantic data modeling | 99 |
| Object-oriented applications | 311 | Semantics | 73 |
| Object-oriented database | 73, 99, 201, 243 | Shared property hierarchies | 89 |
| Object-Oriented Database Management System (OODBMS) | 65, 113, 139, 221, 305 | Software design tools | 311 |
| Object-oriented database systems | 41, 123, 157, 185 | Software development environments | 287 |
| Object-oriented data model | 109 | SQL | 35, 221 |
| Object-oriented modeling | 311 | Standardization | 55, 59 |
| Object-oriented programming | 55, 59, 73 | Standards | 9, 17, 65, 79, 117, 145, 321 |
| Object-oriented query processing | 207 | Storage Manager | 321 |
| Objects, referential integrity | 35 | System comparisons | 233 |
| Object, type | 201 | | |
| Open architecture | 35 | TAG | 9 |
| Operations | 105 | Taxonomy | 65 |
| | | Three-schema architecture | 35 |
| Physical storage | 109 | Tool integration | 79 |
| Primitive data objects | 105 | Transaction management | 35 |
| Programming language | 117 | Transaction model | 243 |
| Prototyping | 35 | Transaction processing | 233 |
| | | | |
| Query and programming language integration | 185 | Universal relation model | 89 |
| Query interpretation | 89 | Updates | 271 |
| Query languages | 157, 185 | User-friendly interface | 89 |
| Query processing | 185 | User interfaces | 73 |
| | | User views | 293 |
| RDA, data dictionary | 35 | | |
| Reference model | 19, 123, 233, 249 | Versioning | 139, 243 |
| Relational data model | 89 | Version model | 243 |
| Rule-based development environments | 287 | View transformations | 293 |
| Rule systems | 41 | View updates | 293 |
| | | | |
| | | X3 | 17 |

